

EXHIBIT A69



Index of IFRA Standards – 48th Amendment

The IFRA recommendations are grouped into three categories as follows:

- P** The material should not be used as a fragrance ingredient.
(prohibited)
- R** The use of the material should be limited quantitatively.
(restricted)
- S** The material should only be used if it meets certain purity criteria
(specified) or if it used in conjunction with other materials.

The new Standards are indicated in yellow. For existing Standards that are changed, the Amendment date is highlighted in yellow.

| | Substance | CAS | Last Amended | Standard |
|----|--|--|---------------------------------|----------|
| 1. | Acetic acid, anhydride, reaction products with 1,5,10-trimethyl-1,5,9-cyclododecatriene (Trimofix O, Fixamber) | 144020-22-4 28371-99-5 | 06.15 | R |
| 2. | Acetyl ethyl tetramethyl tetralin (AETT, Versalide) | 88-29-9 | 11.77 (05.06) ^[1] | P |
| 3. | 5-Acetyl-1,1,2,3,3,6-hexamethyl indan (AHMI, Phantolid) | 15323-35-0 | 10.87 (06.15) | R |
| 4. | Acetyl isovaleryl (5-Methyl-2,3-hexanedione) | 13706-86-0 | 02.80 (05.06) | P |
| 5. | Acetylated Vetiver Oil | 117-98-6 62563-80-8 68917-34-0 73246-97-6 84082-84-8 | 07.09 (06.15) | R |
| 6. | Alantroot oil (Elecampane oil) | 97676-35-2 | 06.75 (05.06) | P |

¹ The dates in brackets indicate a modification of the Standard that did NOT affect the IFRA recommendations (for instance, an update of the references or a reformatting of the Standard). The dates without brackets refer to a change that affected the IFRA recommendations.

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| 7. | Allyl Esters | N/A | 02.77 (07.09) | S |
| 8. | Allyl heptene carbonate | 73157-43-4 | 05.07 (07.08) | P |
| 9. | Allyl isothiocyanate | 57-06-7 | (07.08) | P |
| 10. | Allyl phenoxyacetate | 7493-74-5 | 07.09 | R-S |
| 11. | alpha-Amyl cinnamic alcohol | 101-85-9 | 05.07 | R |
| 12. | alpha-Amyl cinnamic aldehyde | 122-40-7 | 06.13 (05.07) | R |
| 13. | Amylcyclopentenone | 25564-22-1 | 05.07 (07.08) | P |
| 14. | Angelica root oil | 8015-64-3 | 10.78 (06.15) | R |
| 15. | Anisyl alcohol | 105-13-5 1331-81-3 | 06.15 | R |
| 16. | Anisylidene acetone (4-(p-methoxyphenyl)-3-butene-2-one) | 943-88-4 | 11.74 (05.06) | P |
| 17. | cis-and trans-Asarone ((E)-and(Z)-2,4,5-Trimethoxypropen-1-yl benzene) | 2883-98-9 5273-86-9 | 12.91 | P-R |
| 18. | Benzaldehyde | 100-52-7 | (07.09) | R |
| 19. | Benzene | 71-43-2 | 04.04 | P |
| 20. | Benzyl alcohol | 100-51-6 | 05.07 | R |
| 21. | Benzyl benzoate | 120-51-4 | 05.07 | R |
| 22. | Benzyl cinnamate | 103-41-3 | 05.07 | R |
| 23. | Benzyl cyanide | 140-29-4 | 04.04 | P |
| 24. | Benzylidene acetone (4-Phenyl-3-buten-2-one) | 122-57-6 | 06.74 (05.06) | P |
| 25. | Benzyl salicylate | 118-58-1 | 05.07 | R |
| 26. | Bergamot oil expressed | 8007-75-8 | 06.92 (06.15) | R |
| 27. | Birch wood pyrolysate | 8001-88-5 84012-15-7 85940-29-0 68917-50-0 | 04.04 | S-P |
| 28. | Bitter orange peel oil expressed | 68916-04-1 72968-50-4 | 07.02 (06.15) | R |
| 29. | Boldo oil | 8022-81-9 | 07.09 | P |



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| 30. | 3-Bromo-1,7,7-trimethylbicyclo[2.2.1]heptane-2-one | 76-29-9 | (07.08) | P |
| 31. | Bromostyrene | 103-64-0 | (07.08) | P |
| 32. | alpha-Butylcinnamaldehyde | 7492-44-6 | 06.11 | R |
| 33. | 3-(m-tert-Butylphenyl)-2-methylpropionaldehyde (m-BMHCA) | 62518-65-4 | 06.15 | R |
| 34. | p-tert-Butyl-dihydrocinnamaldehyde (Bourgeonal) | 18127-01-0 | 07.08 | R |
| 35. | p-tert-Butyl-alpha-methylhydrocinnamic aldehyde (p-BMHCA, Lilestralis, Lilial, Lysmeral) | 80-54-6 | 06.15 | R |
| 36. | p-tert-Butylphenol | 98-54-4 | 06.75 (05.06) | P |
| 37. | Cade oil (Juniperus oxycedrus L.) | 8013-10-3 90046-02-9 | 04.04 | S-P |
| 38. | Carvone; d-Carvone; l-Carvone | 99-49-0 2244-16-8 6485-40-1 | 07.08 | R |
| 39. | Carvone oxide | 33204-74-9 | 04.04 | P |
| 40. | Chenopodium oil | 8006-99-3 | (07.08) | P |
| 41. | Cinnamic alcohol | 104-54-1 | 07.08 | R |
| 42. | Cinnamic aldehyde | 104-55-2 | 07.08 | R |
| 43. | Cinnamic aldehyde dimethyl acetal | 4364-06-1 | 07.09 | R |
| 44. | Cinnamylidene acetone | 4173-44-8 | (07.08) | P |
| 45. | Cinnamyl nitrile | 1885-38-7 4360-47-8 | 07.08 | R |
| 46. | Citral | 5392-40-5 141-27-5 106-26-3 | 05.06 | R |
| 47. | Citronellol | 106-22-9 1117-61-9 26489-01-0 6812-78-8 141-25-3 68916-43-8 7540-51-4 | 05.07 | R |
| 48. | Citrus oils and other furocoumarins containing essential oils | N/A | 12.96 (06.15) | R |
| 49. | Colophony | 8050-09-7 | 12.92 (05.06) | P |



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| 50. | Costus root oil, absolute and concrete | 8023-88-9 | 05.98 (05.06) | P |
| 51. | Coumarin | 91-64-5 | 07.08 | R |
| 52. | Cumin oil | 8014-13-9 | 06.86 (06.15) | R |
| 53. | Cuminaldehyde | 122-03-2 | 06.13 | R |
| 54. | Cyclamen alcohol (3-(4-Isopropylphenyl)-2-methylpropanol) | 4756-19-8 | 10.78 (02.80) | P-S |
| 55. | Cyclamen aldehyde | 103-95-7 | 06.13 (06.15) | R |
| 56. | Cyclopentadecanolide | 106-02-5 | 06.13 | R |
| 57. | Dibenzyl ether | 103-50-4 | 07.09 | R |
| 58. | 1,3-Dibromo-2-methoxy-4-nitro-5-(1,1-dimethylethyl)-6-methyl-benzene (Musk alpha) | 63697-53-0 | (07.08) | P |
| 59. | 1,3-Dibromo-2-methoxy-4-methyl-5-nitrobenzene (Musk KS) | 62265-99-0 | (07.08) | P |
| 60. | 2,2-Dichloro-1-methylcyclopropylbenzene | 3591-42-2 | (07.08) | P |
| | | 764-40-9 | | |
| | | 80466-34-8 | | |
| | | 5910-85-0 | | |
| | | 30361-28-5 | | |
| 61. | 2,4-Dienals (group of materials) | 6750-03-4 | 06.13 (07.09) | P |
| | | 2363-88-4 | | |
| | | 13162-46-4 | | |
| | | 21662-16-8 | | |
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| 62. | Diethyl maleate | 141-05-9 | 06.75 (05.06) | P |
| 63. | Dihydrocoumarin (Melilotine) | 119-84-6 | 06.13 (05.06) | R |
| 64. | 6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone (DPMI, Cashmeran) | 33704-61-9 | 06.15 | R |
| 65. | 2,4-Dihydroxy-3-methylbenzaldehyde | 6248-20-0 | 04.89 (05.06) | P |
| | | 68737-61-1 | | |
| | | 68039-49-6 | | |
| 66. | Dimethylcyclohex-3-ene-1-carbaldehyde (mixed isomers) | 68039-48-5 | 06.13 (06.10) | R |
| | | 27939-60-2 | | |
| | | 67801-65-4 | | |
| 67. | 1-(5,5-Dimethyl-1-cyclohexen-1-yl)pent-4-en-1-one | 56973-85-4 | 07.09 | R |
| 68. | 4,6-Dimethyl-8-tert-butylcoumarin (Butolia) | 17874-34-9 | 06.81 (05.06) | P |



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| 69. | 3,7-Dimethyl-2-octen-1-ol | 40607-48-5 | 04.04 | P |
| 70. | 2,2-Dimethyl-3-(3-tolyl)propan-1-ol (Majantol) | 103694-68-4 | 06.10 | R-S |
| 71. | Dimethyl citraconate | 617-54-9 | 10.76 (05.06) | P |
| 72. | Diphenylamine | 122-39-4 | 04.04 | P |
| 73. | 2,4-Dodecadien-1-ol, (2E, 4E) | 18485-38-6 | 06.15 | P |
| 74. | Esters of 2-nonynoic acid, (Except Methyl octine carbonate) | 10031-92-2 | (07.08) | P |
| 75. | Esters of 2-octynoic acid (Except for Methyl heptane carbonate) | 10484-32-9 10519-20-7 | (07.08) | P |
| 76. | Estragole | 140-67-0 | 10.09 (07.15) | R |
| 77. | 2-Ethoxy-4-methylphenol | 2563-07-7 | 07.08 | R |
| 78. | Ethyl acrylate | 140-88-5 | 11.74 (05.06) | P |
| 79. | p-Ethylbenzaldehyde | 4748-78-1 | 06.13 | R |
| 80. | Ethylene glycol monoethyl ether and its Acetate | 110-80-5 111-15-9 (acetate) | 04.04 | P |
| 81. | Ethylene glycol monomethyl Ether and its Acetate | 109-86-4 110-49-6 (acetate) | 04.04 | P |
| 82. | Eugenol | 97-53-0 | 07.08 | R |
| 83. | Farnesol | 4602-84-0 | 05.06 | R-S |
| 84. | Fig leaf absolute | 68916-52-9 | 05.83 (05.06) | P |
| 85. | Furfural | 98-01-1 | 06.13 | R |
| 86. | Furfuryl alcohol | 98-00-0 | 07.09 (06.15) | P |
| 87. | Furfurylidene acetone | 623-15-4 | (07.08) | P |
| 88. | Geraniol | 106-24-1 | 05.07 | R |
| 89. | Geranyl nitrile | 5146-66-7 5585-39-7 31983-27-4 | 11.06 (07.08) | P |
| 90. | Grapefruit oil expressed | 8016-20-4 | 06.92 (06.15) | R |
| 91. | trans-2-Heptenal | 18829-55-5 | 04.89 (05.06) | P |



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| 92. | 2-Heptylidene cyclopentan-1-one | 39189-74-7 | 06.11 | R |
| 93. | 2,4-Hexadien-1-ol | 111-28-4 17102-64-6 | 06.15 | P |
| 94. | Hexahydrocoumarin | 700-82-3 | 02.80 (05.06) | P |
| 95. | trans-2-Hexenal | 6728-26-3 | 07.08 | R |
| 96. | trans-2-Hexenal diethyl acetal | 67746-30-9 | 04.89 (05.06) | P |
| 97. | trans-2-Hexenal dimethyl acetal | 18318-83-7 | 04.89 (05.06) | P |
| 98. | alpha-Hexyl cinnamic aldehyde | 101-86-0 | 06.13 (05.07) | R |
| 99. | alpha-Hexylidene cyclopentanone | 17373-89-6 | 07.08 | R |
| 100. | Hexyl salicylate | 6259-76-3 | 05.07 | R |
| 101. | Hydroabietyl alcohol, dihydroabietyl alcohol | 13393-93-6 26266-77-3 1333-89-7 | 04.04 | P |
| 102. | Hydroquinone monoethyl ether (4-ethoxy-Phenol) | 622-62-8 | 10.83 (05.06) | P |
| 103. | Hydroquinone monomethyl ether (4-methoxy-Phenol) | 150-76-5 | 10.83 (05.06) | P |
| 104. | Hydroxycitronellal | 107-75-5 | 06.13 (07.08) | R |
| 105. | 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde (HMPCC) | 31906-04-4 51414-25-6 | 06.13 (07.09) | R |
| 106. | p-Isobutyl-α-methyl-hydrocinnamaldehyde | 6658-48-6 | 07.09 | R |
| 107. | Isobutyl N-methylantranilate | 65505-24-0 | 07.09 | R |
| 108. | Isocyclocitral | 1335-66-6 1423-46-7 67634-07-5 | 05.07 | R |
| 109. | Isocyclogeraniol (2,4,6-Trimethyl-3-cyclohexene-1-methanol) | 68527-77-5 | 07.08 | R |
| 110. | Isoeugenol | 97-54-1 | 07.08 | R |
| 111. | Isophorone | 78-59-1 | (07.08) | P |
| 112. | 6-Isopropyl-2-decalol (Decatol) | 34131-99-2 | 06.79 (05.06) | P |



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| | 8022-96-6 | | |
| 113. Jasmine absolute (grandiflorum) | 8024-43-9 90045-94-6 84776-64-7 | 07.08 | R |
| 114. Jasmine absolute (sambac) | 91770-14-8 | 07.08 | R |
| 115. Lemon oil cold pressed | 8008-56-8 | 06.92 (06.15) | R |
| 116. Lime oil expressed | 8008-26-2 | 06.92 (06.15) | R |
| 117. Limonene | 138-86-3 | 12.95 | S |
| 118. Linalool; d-Linalool; l-Linalool | 78-70-6 126-90-9 126-91-0 | 04.04 | S |
| 119. Massoia bark oil | 85085-26-3 | (07.08) | P |
| 120. Massoia lactone | 54814-64-1 51154-96-2 | 06.15 | P |
| 121. Melissa oil (genuine Melissa officinalis L.) | 8014-71-9 84082-61-1 | 07.09 | R |
| 122. p-Mentha-1,8-dien-7-al (Perilla aldehyde) | 2111-75-3 | 07.08 | R |
| 123. Menthadiene-7-methyl formate (Isobergamate) | 68683-20-5 | 07.08 | R |
| 124. p-Methoxybenzaldehyde | 123-11-5 | 06.13 | R |
| 125. o-Methoxycinnamaldehyde | 1504-74-1 | 06.11 | R |
| 126. 7-Methoxycoumarin | 531-59-9 | 02.79 (07.08) | P |
| 127. Methoxy dicylopentadiene carboxaldehyde (Scentenal) | 86803-90-9 | 07.08 | R |
| 128. 4-Methoxy- α -methylbenzenepropanal | 5462-06-6 | 06.13 (07.09) | R |
| 129. 2-Methoxy-4-methylphenol (p-Creosol) | 93-51-6 | 07.08 | R |
| 130. α -Methyl anisylidene acetone (1-(4-Methoxyphenyl)-1-penten-3-one) | 104-27-8 | 05.80 (05.06) | P |
| 131. α -Methyl-1,3-benzodioxole-5- propionaldehyde (MMDHCA) | 1205-17-0 | 06.13 (06.10) | R |
| 132. α -Methyl cinnamic aldehyde | 101-39-3 | 05.07 | R |
| 133. 6-Methylcoumarin (Toncarine) | 92-48-8 | 05.80 (05.06) | P |
| 134. 7-Methylcoumarin | 2445-83-2 | 05.83 (05.06) | P |



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| 135. | Methyl crotonate | 623-43-8 | 05.80 (05.06) | P |
| 136. | 4-Methyl-7-ethoxycoumarin (Maraniol) | 87-05-8 | 06.79 (05.06) | P |
| 137. | Methyl eugenol | 93-15-2 | 07.15 | R |
| 138. | 6-Methyl-3,5-heptadiene-2-one (Methyl heptadienone) | 1604-28-0 | 07.09 | R |
| 139. | Methyl heptine carbonate (MHC, Folione) | 111-12-6 | 07.08 | R |
| 140. | p-Methylhydrocinnamic aldehyde | 5406-12-2 | (07.08) | P |
| 141. | Methyl ionone, mixed isomers | 1335-46-2 127-42-4 127-43-5 127-51-5 7779-30-8 79-89-0 | 06.15 | R |
| 142. | Methyl methacrylate | 80-62-6 | (07.08) | P |
| 143. | Methyl N-methylantranilate | 85-91-6 | 07.09 (06.15) | R |
| 144. | Methyl β -naphthyl ketone | 93-08-3 | 04.05 (06.15) | R |
| 145. | 3-Methyl-2(3)-nonenenitrile (Citgrenile) | 53153-66-5 | 05.07 (07.08) | P |
| 146. | Methyl octine carbonate (MOC) | 111-80-8 | 07.08 | R |
| 147. | 3-Methyl-2-(pentyloxy)cyclopent-2-en-1-one | 68922-13-4 | 06.11 | R |
| 148. | p-Methyltetrahydroquinoline | 91-61-2 | 07.09 | R |
| 149. | Moskene (1,1,3,3,5-Pentamethyl-4,6-dinitroindane) | 116-66-5 | 04.05 (07.08) | P |
| 150. | Musk ambrette | 83-66-9 | 12.95 (05.06) | P |
| 151. | Musk ketone | 81-14-1 | 06.10 | S |
| 152. | Musk tibetene (1-tert-Butyl-2,6-dinitro-3,4,5-trimethylbenzene) | 145-39-1 | 04.05 (07.08) | P |
| 153. | Musk xylene | 81-15-2 | 07.09 | P |
| 154. | Nitrobenzene | 98-95-3 | 06.74 (05.06) | P |
| 155. | 2-Nonyl-1-al dimethyl acetal | 13257-44-8 | 06.11 | R |
| 156. | Nootkatone | 4674-50-4 | 05.06 | S |
| 157. | Oak moss extracts | 90028-68-5 9000-50-4 68917-10-2 | 07.08 | R-S |



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| 158. | 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (OTNE) | 54464-57-2 | 07.08 | R |
| 159. | 1-Octen-3-yl acetate (Amyl vinyl carbiny acetate) | 2442-10-2 | 07.08 | R |
| 160. | Opoponax (all forms) | 8021-36-1 9000-78-6 93384-32-8 | 06.13 (04.99) | R |
| 161. | 1-(2,4,4,5,5-Pentamethyl-1-cyclopenten-1-yl)ethan-1-one | 13144-88-2 | 06.11 | R |
| 162. | 2-Pentylidene cyclohexanone | 25677-40-1 | 05.83 (05.06) | P |
| 163. | Peru balsam crude | 8007-00-9 | 12.91 (05.07) | P |
| 164. | Peru balsam extracts and distillates | 8007-00-9 | 07.08 | R |
| 165. | Phenylacetaldehyde (Hyacinthin) | 122-78-1 | 05.06 | R |
| 166. | Phenyl acetone (Methyl benzyl ketone) | 103-79-7 | (07.08) | P |
| 167. | Phenyl benzoate | 93-99-2 | (07.08) | P |
| 168. | 3-Phenylbutanal | 16251-77-7 | 06.10 | R |
| 169. | 2-Phenylpropionaldehyde | 93-53-8 | 07.09 | R |
| 170. | Pinacea derivatives | | 07.94 | S |
| 171. | 3-Propylidene phthalide | 17369-59-4 | 07.08 | R |
| 172. | Pseudoionone (2,6-Dimethylundeca-2,6,8-trien-10-one) | 141-10-6 | 04.89 (05.06) | P-S |
| 173. | Pseudo Methylionones | 26651-96-7 72968-25-3 1117-41-5 | 07.09 | P |
| 174. | Quinoline | 91-22-5 | 06.10 | P |
| | | 23696-85-7 23726-93-4 43052-87-5 24720-09-0 23726-94-5 23726-92-3 23726-91-2 | | |
| 175. | Rose Ketones | 57378-68-4 71048-82-3 39872-57-6 70266-48-7 33673-71-1 35087-49-1 35044-68-9 | 07.09 | R |



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| 176. Rue oil | 8014-29-7 | 04.01 (06.15) | R |
| | 94-59-7 | | P |
| 177. Safrole, Isosafrole, Dihydrosafrole | 120-58-1 | 07.87 (04.99) | R |
| | 94-58-6 | | |
| 178. Santolina oil | 84961-58-0 | (07.08) | P |
| 179. Savin oil | 8024-00-8 | 06.82 | P-S |
| 180. Sclareol | 515-03-7 | 04.05 | S |
| | 8046-19-3 | | |
| 181. Styrax | 8024-01-9 | 06.13 (07.94) | P-R |
| | 94891-27-7 | | |
| | 94891-28-8 | | |
| 182. Tagetes oil and absolute | 91722-29-1 | 04.01 (06.15) | R |
| | 8016-84-0 | | |
| 183. Tea leaf absolute (camellia sinensis leaf extract) | 84650-60-2 | 05.06 | R |
| 184. 1,2,3,4-Tetrahydro-4-methylquinoline | 19343-78-3 | 07.09 | R |
| | 529-20-4 | | |
| 185. o,m,p-Tolualdehydes and their mixtures | 620-23-5 | 06.13 | R |
| | 104-87-0 | | |
| | 1334-78-7 | | |
| 186. Toluene | 108-88-3 | 04.04 | P |
| | 90028-67-4 | | |
| 187. Treemoss extracts | 68648-41-9 | 07.08 | R-S |
| | 68917-40-8 | | |
| 188. 2,6,6-Trimethylcyclohexa-1,3-dienyl methanal (Safranal) | 116-26-7 | 06.13 (12.98) | R |
| 189. Verbena absolute (Lippia citriodora) | 8024-12-2 | 06.10 | R |
| 190. Verbena oil | 8024-12-2 | 12.81 (05.06) | P |
| | 8006-81-3 | | |
| 191. Ylang Ylang Extracts | 68606-83-7 | 07.08 | R |
| | 83863-30-3 | | |